

103^D CONGRESS
1ST SESSION

H. R. 3254

To authorize appropriations for the National Science Foundation, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 12, 1993

Mr. BOUCHER (for himself and Mr. BROWN of California) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To authorize appropriations for the National Science Foundation, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Science
5 Foundation Authorization Act of 1993”.

6 **SEC. 2. DEFINITIONS.**

7 For purposes of this Act—

8 (1) the term “debt-for-science exchange” means
9 an agreement whereby a portion of a nation’s com-
10 mercial external debt burden is exchanged by the

1 holder for a contribution of local currencies or other
2 assets to support scientific and technological re-
3 search;

4 (2) the term “Director” means the Director of
5 the Foundation;

6 (3) the term “Foundation” means the National
7 Science Foundation;

8 (4) the term “institution of higher education”
9 has the meaning given such term in section 1201(a)
10 of the Higher Education Act of 1965;

11 (5) the term “national research facility” means
12 a research facility funded by the Foundation which
13 is available, subject to appropriate policies allocating
14 access, for use by all scientists and engineers affili-
15 ated with research institutions located in the United
16 States;

17 (6) the term “science-technology center” has
18 the meaning given such term in section 231(f) of the
19 Excellence in Mathematics, Science, and Engineer-
20 ing Education Act of 1990, and shall include both
21 newly organized and established science-technology
22 centers; and

23 (7) the term “United States” means the several
24 States, the District of Columbia, the Commonwealth
25 of Puerto Rico, the Virgin Islands, Guam, American

1 Samoa, the Commonwealth of the Northern Mariana
2 Islands, and any other territory or possession of the
3 United States.

4 **TITLE I—NATIONAL SCIENCE**
5 **FOUNDATION AUTHORIZATION**

6 **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

7 (a) FINDING.—Congress finds that the programs of
8 the Foundation are important for the Nation to strength-
9 en basic research and develop human resources in science
10 and engineering, and that those programs should be fund-
11 ed at an adequate level.

12 (b) FISCAL YEAR 1994.—(1) There are authorized
13 to be appropriated to the Foundation \$3,180,200,000 for
14 fiscal year 1994, which shall be available for the following
15 categories:

16 (A) Research and Related Activities,
17 \$2,009,800,000, which shall be available for the fol-
18 lowing subcategories:

19 (i) Mathematical and Physical Sciences,
20 \$653,000,000.

21 (ii) Engineering, \$289,000,000, of which
22 \$2,000,000 shall be expended for primary mate-
23 rials processing research.

24 (iii) Biological Sciences, \$285,000,000.

25 (iv) Geosciences, \$423,000,000.

1 (v) Computer and Information Science and
2 Engineering, \$261,800,000.

3 (vi) Social, Behavioral, and Economic
4 Sciences, \$98,000,000.

5 (B) Education and Human Resources Activi-
6 ties, \$556,100,000.

7 (C) United States Polar Research Programs,
8 \$163,100,000.

9 (D) United States Antarctic Logistical Activi-
10 ties, \$65,100,000.

11 (E) Academic Research Facilities Moderniza-
12 tion, \$250,000,000.

13 (F) Critical Technologies Institute, \$1,000,000.

14 (G) Salaries and Expenses, \$125,800,000.

15 (H) Office of Inspector General, \$4,100,000.

16 (I) Headquarters Relocation, \$5,200,000.

17 (2) Of the amounts authorized under paragraph (1)

18 (A) through (C)—

19 (A) \$35,000,000 are authorized for activities
20 authorized by the Scientific and Advanced-Tech-
21 nology Act of 1992;

22 (B) \$15,000,000 are authorized for activities
23 authorized by section 305 of the High-Performance
24 Computing Act of 1991;

1 (C) \$16,000,000 are authorized for activities
2 authorized by section 307 of the High-Performance
3 Computing Act of 1991; and

4 (D) \$8,000,000 are authorized for activities au-
5 thORIZED by section 309 of the High-Performance
6 Computing Act of 1991.

7 (c) FISCAL YEAR 1995.—(1) There are authorized to
8 be appropriated to the Foundation \$150,000,000 for fiscal
9 year 1995, which shall be available only for activities au-
10 thORIZED by the Academic Research Facilities Moderniza-
11 tion Act of 1988.

12 (2) Only if the full amount authorized under para-
13 graph (1) is appropriated, or if a single appropriations bill
14 proposes to appropriate the full amount authorized under
15 paragraph (1) and amounts authorized under this para-
16 graph, there are authorized to be appropriated to the
17 Foundation for fiscal year 1995 additional funds to be
18 available for the following categories:

19 (A) Research and Related Activities,
20 \$2,618,900,000, which shall be available for the fol-
21 lowing subcategories:

22 (i) Mathematical and Physical Sciences,
23 \$826,000,000.

1 (ii) Engineering, \$400,000,000, of which
2 \$2,500,000 shall be expended for primary mate-
3 rials processing research.

4 (iii) Biological Sciences, \$362,000,000.

5 (iv) Geosciences, \$516,000,000.

6 (v) Computer and Information Science and
7 Engineering, \$386,900,000.

8 (vi) Social, Behavioral, and Economic
9 Sciences, \$128,000,000.

10 (B) Education and Human Resources Activi-
11 ties, \$556,100,000.

12 (C) United States Polar Research Programs,
13 \$180,000,000.

14 (D) United States Antarctic Logistical Activi-
15 ties, \$67,000,000.

16 (E) Academic Research Facilities Moderniza-
17 tion, \$100,000,000, in addition to amounts author-
18 ized under paragraph (1).

19 (F) Critical Technologies Institute, \$1,000,000.

20 (G) Salaries and Expenses, \$127,500,000.

21 (H) Office of Inspector General, \$4,200,000.

22 (I) Headquarters Relocation, \$5,200,000.

23 (3) Of the amounts authorized under paragraph (2)

24 (A) through (C)—

1 (A) \$35,000,000 are authorized for activities
2 authorized by the Scientific and Advanced-Tech-
3 nology Act of 1992;

4 (B) \$30,000,000 are authorized for activities
5 authorized by section 305 of the High-Performance
6 Computing Act of 1991;

7 (C) \$45,000,000 are authorized for activities
8 authorized by section 307 of the High-Performance
9 Computing Act of 1991; and

10 (D) \$16,000,000 are authorized for activities
11 authorized by section 309 of the High-Performance
12 Computing Act of 1991.

13 (d) FISCAL YEAR 1996.—(1) There are authorized
14 to be appropriated to the Foundation \$200,000,000 for
15 fiscal year 1996, which shall be available only for activities
16 authorized by the Academic Research Facilities Mod-
17 ernization Act of 1988.

18 (2) Only if the full amount authorized under para-
19 graph (1) is appropriated, or if a single appropriations bill
20 proposes to appropriate the full amount authorized under
21 paragraph (1) and amounts authorized under this para-
22 graph, there are authorized to be appropriated to the
23 Foundation for fiscal year 1996 additional funds to be
24 available for the following categories:

1 (A) Research and Related Activities,
2 \$2,877,200,000, which shall be available for the fol-
3 lowing subcategories:

4 (i) Mathematical and Physical Sciences,
5 \$892,000,000.

6 (ii) Engineering, \$456,000,000, of which
7 \$3,000,000 shall be expended for primary mate-
8 rials processing research.

9 (iii) Biological Sciences, \$389,200,000.

10 (iv) Geosciences, \$549,000,000.

11 (v) Computer and Information Science and
12 Engineering, \$448,000,000.

13 (vi) Social, Behavioral, and Economic
14 Sciences, \$142,500,000.

15 (B) Education and Human Resources Activi-
16 ties, \$572,800,000.

17 (C) United States Polar Research Programs,
18 \$205,000,000.

19 (D) United States Antarctic Logistical Activi-
20 ties, \$68,000,000.

21 (E) Academic Research Facilities Moderniza-
22 tion, \$50,000,000, in addition to amounts author-
23 ized under paragraph (1).

24 (F) Critical Technologies Institute, \$1,500,000.

25 (G) Salaries and Expenses, \$132,000,000.

1 (H) Office of Inspector General, \$4,300,000.

2 (I) Headquarters Relocation, \$5,200,000.

3 (3) Of the amounts authorized under paragraph (2)

4 (A) through (C)—

5 (A) \$35,000,000 are authorized for activities
6 authorized by the Scientific Advanced-Technology
7 Act of 1992;

8 (B) \$50,000,000 are authorized for activities
9 authorized by section 305 of the High-Performance
10 Computing Act of 1991;

11 (C) \$60,000,000 are authorized for activities
12 authorized by section 307 of the High-Performance
13 Computing Act of 1991; and

14 (D) \$22,000,000 are authorized for activities
15 authorized by section 309 of the High-Performance
16 Computing Act of 1991.

17 (e) MEETING FUNDING GOALS.—In allocating funds
18 authorized under subsections (b)(1)(A), (c)(2)(A), and
19 (d)(2)(A), the Foundation shall give priority to meeting
20 the funding goals established for the Foundation for Presi-
21 dential research initiatives by the Federal Coordinating
22 Council for Science, Engineering, and Technology, or any
23 successor entity which assumes its responsibilities.

1 **SEC. 102. PROPORTIONAL REDUCTION OF RESEARCH AND**
2 **RELATED ACTIVITIES AMOUNTS.**

3 If the amount appropriated pursuant to section
4 101(b)(1)(A), (c)(2)(A), or (d)(2)(A) is less than the
5 amount authorized under that subparagraph, the amount
6 authorized for each subcategory under that subparagraph
7 shall be reduced by the same proportion.

8 **SEC. 103. CONSULTATION AND REPRESENTATION EX-**
9 **PENSES.**

10 From appropriations made under authorizations pro-
11 vided in this Act, not more than \$10,000 may be used
12 in each fiscal year for official consultation, representation,
13 or other extraordinary expenses at the discretion of the
14 Director. The determination of the Director shall be final
15 and conclusive upon the accounting officers of the Govern-
16 ment.

17 **SEC. 104. TRANSFER OF FUNDS.**

18 For any given fiscal year, the Director may propose
19 transfers to or from any category described in section 101
20 up to a maximum of 5 percent of the amount authorized
21 for that category. An explanation of any such proposed
22 transfer must be transmitted in writing to the Committee
23 on Science, Space, and Technology of the House of Rep-
24 resentatives, and the Committees on Labor and Human
25 Resources and Commerce, Science, and Transportation of
26 the Senate. The proposed transfer may be made only after

1 30 calendar days have passed after transmission of such
2 written explanation.

3 **TITLE II—GENERAL PROVISIONS**

4 **SEC. 201. ANNUAL REPORT.**

5 Section 3 of the National Science Foundation Act of
6 1950 (42 U.S.C. 1862) is amended by striking subsection
7 (f) and inserting in lieu thereof the following new sub-
8 section:

9 “(f) The Foundation shall provide an annual report
10 to the President which shall be submitted by the Director
11 to the Congress at the time of the President’s annual
12 budget submission. The report shall—

13 “(1) contain a strategic plan which—

14 “(A) defines for a three-year period the
15 overall goals for the Foundation and specific
16 goals for each major activity of the Foundation,
17 including each scientific directorate, the edu-
18 cation directorate, and the polar programs of-
19 fice; and

20 “(B) describes how the identified goals re-
21 late to national needs and will exploit new op-
22 portunities in science and technology;

23 “(2) identify the criteria and describe the proce-
24 dures which the Foundation will use to assess

1 progress toward achieving the goals identified in ac-
2 cordance with paragraph (1);

3 “(3) review the activities of the Foundation
4 during the preceding year which have contributed to-
5 ward achievement of goals identified in accordance
6 with paragraph (1) and summarize planned activities
7 for the coming three years in the context of the
8 identified goals, with particular emphasis on the
9 Foundation’s planned contributions to major multi-
10 agency research and education initiatives;

11 “(4) contain such recommendations as the
12 Foundation considers appropriate; and

13 “(5) include information on the acquisition and
14 disposition by the Foundation of any patents and
15 patent rights.”.

16 **SEC. 202. NATIONAL RESEARCH FACILITIES.**

17 (a) FACILITIES PLAN.—The Director shall provide to
18 Congress annually, at the time of the President’s budget
19 submission, a plan for construction of, and repair and up-
20 grades to, national research facilities. The plan shall in-
21 clude estimates of the cost for such construction, repairs,
22 and upgrades, and estimates of the cost for the operation
23 and maintenance of existing and proposed new facilities.
24 For proposed new construction and for major upgrades
25 to existing facilities, the plan shall include funding profiles

1 by fiscal year and milestones for major phases of the con-
2 struction. The plan shall include cost estimates in the cat-
3 egories of construction, repair, and upgrades for the year
4 in which the plan is submitted to Congress and for not
5 fewer than the succeeding 4 years.

6 (b) LIMITATION ON OBLIGATION OF UNAUTHORIZED
7 APPROPRIATIONS.—No funds appropriated for any project
8 which involves construction of new national research facili-
9 ties or construction necessary for upgrading the capabili-
10 ties of existing national research facilities shall be obli-
11 gated unless the funds are specifically authorized for such
12 purpose by this Act or any other Act which is not an ap-
13 propriations Act, or unless the total estimated cost to the
14 Foundation of the construction project is less than
15 \$50,000,000. This subsection shall not apply to construc-
16 tion projects approved by the National Science Board
17 prior to June 30, 1993.

18 **SEC. 203. ELIGIBILITY FOR RESEARCH FACILITY AWARDS.**

19 Section 203(b) of the Academic Research Facilities
20 Modernization Act of 1988 is amended by striking the
21 final sentence of paragraph (3) and inserting in lieu there-
22 of the following: “The Director shall give priority to insti-
23 tutions or consortia that have not received such funds in
24 the preceding 5 years, except that this sentence shall not
25 apply to previous funding received for the same multiyear

1 project. The Director shall exclude from consideration for
2 awards to be made under the Program after fiscal year
3 1995 any institutions or consortia which received funds,
4 appropriated for a fiscal year after fiscal year 1994, for
5 the repair, renovation, construction, or replacement of
6 academic facilities, from any Federal funding source for
7 projects that were not subjected to a competitive, merit-
8 based award process.”.

9 **SEC. 204. ELIGIBILITY FOR PARTICIPATION IN INFORMAL**
10 **SCIENCE EDUCATION ACTIVITIES.**

11 No science-technology center shall be disqualified
12 from competing for funding support under the informal
13 science education programs included within the Education
14 and Human Resources activities of the Foundation on the
15 basis of the geographic location of the center, the size of
16 the population served by the center, or the date on which
17 the center commences operation.

18 **SEC. 205. SCIENCE AND ENGINEERING EQUAL OPPORTUNI-**
19 **TIES ACT AMENDMENTS.**

20 The Science and Engineering Equal Opportunities
21 Act (42 U.S.C. 1885 et seq.) is amended—

22 (1) by amending section 32 to read as follows:

23 “FINDINGS AND POLICY

24 “SEC. 32. The national security and economic com-
25 petitiveness of the United States demand the full develop-
26 ment and use of the engineering, mathematical, and sci-

1 entific talents and skills of all its citizens. Past discrimina-
2 tion, cultural barriers, unequal educational opportunities,
3 and other factors discourage women, minorities, persons
4 with disabilities, and other groups from studying and
5 working in engineering, mathematics, and science. The
6 Congress declares it is the policy of the United States to
7 encourage the participation in engineering, mathematics,
8 and science of members of the groups that are
9 underrepresented.”;

10 (2) in section 33—

11 (A) by amending the section head to read
12 as follows:

13 “EQUAL OPPORTUNITIES IN SCIENCE AND
14 ENGINEERING”;

15 (B) in paragraph (1)(A), by striking
16 “women” and inserting in lieu thereof “women,
17 minorities, persons with disabilities, and other
18 underrepresented groups (collectively referred to
19 in this section as ‘members of underrepresented
20 groups’)”;

21 (C) in paragraph (2), by striking “female
22 students and to increase female student aware-
23 ness” and inserting in lieu thereof “students
24 who are members of underrepresented groups
25 and to make those students aware”;

1 (D) in paragraph (4), by striking “re-
2 search”;

3 (E) by amending paragraph (5) to read as
4 follows:

5 “(5) support programs under which scientists
6 and engineers who are members of underrepresented
7 groups interact with elementary, secondary, and un-
8 dergraduate students;”;

9 (F) in paragraph (8), by striking “, to be
10 known as the National Research Opportunity
11 Grants, to women scientists” and inserting in
12 lieu thereof “to scientists and engineers who are
13 members of underrepresented groups”;

14 (G) in paragraph (9), by striking “such
15 women” and inserting in lieu thereof “such per-
16 sons”;

17 (H) by striking “and” at the end of para-
18 graph (10);

19 (I) by striking the period at the end of
20 paragraph (11) and inserting in lieu thereof “;
21 and”;

22 (J) by adding at the end the following:

23 “(12) support efforts to initiate and expand re-
24 search opportunities at institutions serving members
25 of underrepresented groups.

1 “(b) In carrying out activities under this section, the
2 Foundation may conduct or support activities in which
3 participation is limited to members of one or more
4 underrepresented groups.”;

5 (K) by inserting “(a)” after “SEC. 33.”;
6 and

7 (L) except as otherwise provided in this
8 paragraph, by striking “women” each place it
9 appears and inserting in lieu thereof “members
10 of underrepresented groups”;

11 (3) by striking section 34;

12 (4) in section 36(a), by inserting “, persons
13 with disabilities” after “minorities”;

14 (5) in section 36(b), by striking the second sen-
15 tence and inserting in lieu the following: “The
16 Chairpersons of relevant committees or subcommit-
17 tees of the National Science Board, as designated by
18 the Chairperson of the Board, shall be ex officio
19 members of the Committee.”;

20 (6) in section 36 by striking subsections (c) and
21 (d) and redesignating subsections (e) and (f) as sub-
22 sections (d) and (e), respectively;

23 (7) in section 36 by inserting after subsection
24 (b) the following new subsection:

1 “(c) The Committee shall be responsible for reviewing
2 and evaluating all Foundation matters relating to partici-
3 pation in, opportunities for, and advancement in edu-
4 cation, training, and research in science and engineering
5 of members of underrepresented groups.”; and

6 (8) in section 36(d), as redesignated by para-
7 graph (6) of this section, by striking “additional”.

8 **SEC. 206. ADMINISTRATIVE AMENDMENTS.**

9 (a) NATIONAL SCIENCE FOUNDATION ACT OF 1950
10 AMENDMENTS.—The National Science Foundation Act of
11 1950 is amended—

12 (1) in section 4(e) (42 U.S.C. 1863(e)) by
13 striking the second and third sentences and insert-
14 ing in lieu thereof the following: “The Board shall
15 adopt procedures governing the conduct of its meet-
16 ings, including definition of a quorum and delivery
17 of notice of meetings to members of the Board.”;

18 (2) in section 5(e) (42 U.S.C. 1864(e)) by
19 amending paragraph (2) to read as follows:

20 “(2) Any delegation of authority or imposition of con-
21 ditions under paragraph (1) shall be promptly published
22 in the Federal Register and reported to the Committees
23 on Labor and Human Resources and Commerce, Science,
24 and Transportation of the Senate and the Committee on

1 Science, Space, and Technology of the House of Rep-
2 resentatives.”;

3 (3) in section 14 (42 U.S.C. 1873) by striking
4 subsection (j); and

5 (4) in section 15(a) (42 U.S.C. 1874(a)) by
6 striking “Atomic Energy Commission” and inserting
7 in lieu thereof “Secretary of Energy”.

8 (b) NATIONAL SCIENCE FOUNDATION AUTHORIZA-
9 TION ACT OF 1988 AMENDMENTS.—Section
10 117(a)(1)(B)(v) of the National Science Founda-
11 tion Act of 1988 is amended to read as follows:

12 “(v) from schools established outside the several
13 States and the District of Columbia by any agency
14 of the Federal Government for dependents of its em-
15 ployees.”.

16 (c) NATIONAL SCIENCE FOUNDATION AUTHORIZA-
17 TION ACT, 1977 AMENDMENT.—Section 8 of the National
18 Science Foundation Act, 1977, is repealed.

19 **TITLE III—ACADEMIC RE-**
20 **SEARCH FACILITIES MOD-**
21 **ERNIZATION**

22 **SEC. 301. FINDINGS.**

23 The Congress finds that—

24 (1) the deficiencies in the condition of buildings
25 and equipment used for the conduct of fundamental

1 research and related education programs at many
2 universities and colleges which are cited in section
3 202 of the Academic Research Facilities Moderniza-
4 tion Act of 1988 are substantially unchanged;

5 (2) a national effort, involving the participation
6 of Federal and State governments and the private
7 sector, is required to make progress in improving the
8 state of academic research facilities; and

9 (3) because of the scale of the problem, the
10 Federal effort to upgrade academic research facili-
11 ties must involve a coordinated program among all
12 Federal agencies which sponsor research at academic
13 institutions.

14 **SEC. 302. FACILITIES MODERNIZATION PLAN.**

15 The Director of the Office of Science and Technology
16 Policy, through the Federal Coordinating Council for
17 Science, Engineering, and Technology, or any successor
18 entity which assumes its responsibilities, shall develop a
19 plan for a multiagency Federal program to provide finan-
20 cial support to institutions of higher education for the re-
21 pair, renovation, or replacement of obsolete science and
22 engineering facilities primarily devoted to research. The
23 plan shall—

24 (1) include participation by all Federal depart-
25 ments and agencies which provide substantial Fed-

1 eral support for research and development activities
2 at institutions of higher education;

3 (2) provide estimates of the level of funding re-
4 quired, by department and agency, and period for
5 which funding should be provided to relieve substan-
6 tially the backlog of research facilities needs and to
7 ensure that, at the conclusion of the period pro-
8 posed, the facilities available will be satisfactory to
9 support national research needs;

10 (3) take into consideration, for determining the
11 requirements of paragraph (2), ongoing efforts by
12 Federal departments and agencies, State govern-
13 ments, and the private sector to upgrade research
14 facilities;

15 (4) be designed to address the needs of the cat-
16 egories of institutions eligible for awards under the
17 Academic Research Facilities Modernization Act of
18 1988;

19 (5) detail administrative procedures and guide-
20 lines for the implementation of the modernization
21 program; and

22 (6) state procedures and data collection steps
23 which have been implemented to assess the state of
24 academic research facilities and to measure the rate

1 of progress in improving the condition of the facili-
2 ties.

3 Within 18 months after the date of enactment of this Act,
4 the Director of the Office of Science and Technology Pol-
5 icy shall transmit to the Congress the plan developed
6 under this section.

7 **SEC. 303. LIMITATION ON OBLIGATION OF UNAUTHORIZED**
8 **APPROPRIATIONS.**

9 No funds appropriated to the Foundation for con-
10 struction of new facilities or construction necessary for up-
11 grading the capabilities of existing facilities at institutions
12 eligible for awards under the Academic Research Facilities
13 Modernization Act of 1988 shall be obligated unless the
14 funds are awarded in accordance with the requirements
15 of the Academic Research Facilities Modernization Act of
16 1988 or are specifically authorized for such purpose by
17 this Act or any other Act which is not an appropriations
18 Act.

19 **TITLE IV—INTERNATIONAL**
20 **SCIENTIFIC COOPERATION**

21 **SEC. 401. FINDINGS.**

22 The Congress finds the following:

23 (1) Debt-for-science exchanges can provide an
24 innovative means to enhance scientific cooperation
25 with countries whose external debt burden prevents

1 them from allocating sufficient resources to their sci-
2 entific and technological infrastructures.

3 (2) Debt-for-science exchanges have been dem-
4 onstrated to improve the state of scientific research
5 and education in several countries, including Bolivia,
6 Costa Rica, Ecuador, Chile, and Mexico.

7 **SEC. 402. DEBT-FOR-SCIENCE EXCHANGES.**

8 (a) DEBT-FOR-SCIENCE EXCHANGE GRANTS.—The
9 Director is authorized to make grants to organizations
10 within the United States, including colleges and univer-
11 sities, for the purpose of debt-for-science exchanges. Be-
12 fore making any grant under this section, the Director
13 shall ascertain that—

14 (1) funds resulting from the debt-for-science ex-
15 change will be expended only for purposes of inter-
16 national cooperative scientific research and develop-
17 ment projects;

18 (2) the debt-for-science exchange will make
19 funds available for such projects which otherwise
20 would not be available;

21 (3) the amount of local currency provided as a
22 result of the debt-for-science exchange will be sub-
23 stantially greater than the United States dollar pur-
24 chase price of the debt;

1 courage and facilitate the establishment of binational and
2 multinational endowed science foundations, and may par-
3 ticipate in the operation and governance of such founda-
4 tions, including serving as a member of or designating
5 members to the Boards of Governors, if such founda-
6 tions—

7 (1) have Boards of Governors whose members
8 are chosen to represent participating countries and
9 possess expertise in international scientific coopera-
10 tion;

11 (2) have a structure and operational character-
12 istics determined exclusively by their Boards of Gov-
13 ernors, consistent with paragraph (3); and

14 (3) are established and governed in accordance
15 with charters which include provisions—

16 (A) to ensure that the funding of the en-
17 dowment is shared equitably among the partici-
18 pating nations, appropriate to their economic
19 resources;

20 (B) to protect the endowment's principal
21 from loss of value due to inflation;

22 (C) to define the range of scientific and
23 educational activities to be funded;

24 (D) to define criteria for application, merit
25 review, and awarding of funds which encom-

1 pass, at a minimum, consideration of scientific
2 merit, strength of collaborative arrangements,
3 and potential benefit to participants;

4 (E) to limit administrative costs to those
5 that are prudent and necessary; and

6 (F) to engage an independent auditor to
7 perform an annual organization-wide audit of
8 such foundations, in accordance with generally
9 accepted auditing standards, and to make the
10 results of the audit immediately available to the
11 Director and the Board of Governors.

12 **SEC. 404. REPORT.**

13 Within one year after the date of enactment of this
14 Act, the Director shall submit to the Congress a strategic
15 plan for international scientific cooperation activities un-
16 dertaken by the Foundation which—

17 (1) describes and evaluates all activities involv-
18 ing international scientific cooperation currently car-
19 ried out by the Foundation;

20 (2) describes how these activities relate to ongo-
21 ing and prospective Foundation research and edu-
22 cational activities;

23 (3) details research activities and geographic
24 areas where international scientific cooperation has

1 been most effective and where it has been least ef-
2 fective;

3 (4) describes plans for future cooperative inter-
4 national scientific projects; and

5 (5) assesses the research activities and geo-
6 graphic areas where future international scientific
7 cooperation would be most effective.

○

HR 3254 IH—2

HR 3254 IH—3